

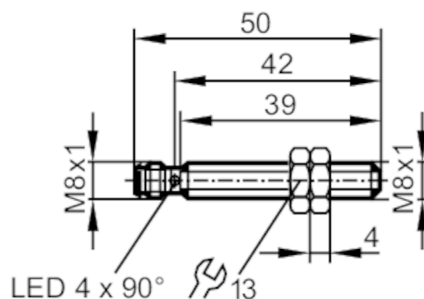
IE5230



Inductive sensor

IEB3001,2BPOG/AS-510-TPS

Article no longer available - archive entry



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	1.2
Housing	Threaded type
Dimensions [mm]	M8 x 1 / L = 50

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (24 V)
Reverse polarity protection	no

Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	750
Short-circuit protection	no
Overload protection	no

Monitoring range

Sensing range [mm]	1.2
Real sensing range Sr [mm]	1.2 ± 10 %
Operating distance [mm]	0...9.7

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2
Hysteresis [% of Sr]	1...15
Switch-point drift [% of Sr]	-10...10

Operating conditions

Ambient temperature [°C]	0...50
Protection	IP 65

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Mechanical data	
Housing	Threaded type
Mounting	flush mountable
Dimensions [mm]	M8 x 1 / L = 50
Thread designation	M8 x 1
Material	housing: brass nickel-plated; sensing face: PBT

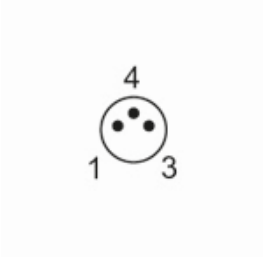
Displays / operating elements		
Display	Switching status	1 x LED, yellow

Accessories	
Items supplied	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

Electrical connection - plug

Connector: 1 x M8; coding: A



Connection

